



Vendor: Huawei

Exam Code: H12-222

Exam Name: HCIP-Routing & Switching-IENP

Version: DEMO

QUESTION 1

The stateful inspection firewall uses the session table to trace activated TCP and UDP sessions, firewall security policies determine which sessions are established, and only the packets associated with sessions are forwarded.

- A. TRUE
- B. FALSE

Answer: A

QUESTION 2

What about incoming labels and outgoing labels in the label forwarding table of a MPLS-capable device for the same route?

- A. They must be different.
- B. They must be the same.
- C. They may be the same.

Answer: C

QUESTION 3

When BFD detection intervals at both ends are 30ms and 40ms. Which of the following statement is true?

- A. A BFD session can be set up. After the negotiation, the detection interval of 40ms is used.
- B. A BFD session can be set up. After the negotiation, the detection interval of 30ms is used.
- C. A BFD session can be set up, and packets are sent at respective intervals at both ends.
- D. A BFD session cannot be established.

Answer: A

QUESTION 4

Which of the following statements regarding different types of firewalls is false?

- A. The packet filtering firewall checks each data packet against ACL rules.
- B. The stateful inspection firewall uses security policies to check only the first packet of non-matched sessions.
- C. The security policies in two directions need to be configured on the stateful inspection firewall.
- D. The proxy firewall processes services of users on internal and external networks.

Answer: C

QUESTION 5

Different VMs can communicate through VTEP tunnels established by vSwitches. So what is the VXLAN communication process?

1. The source VTEP encapsulates an ARP broadcast packet sent by a source VM into a multicast packet and sends it to the Layer 3 network.
2. After receiving the multicast packet, the destination VTEP learns the mapping relationship between the source VM and the source VTEP and forwards the multicast packet to a local VM.
3. The local VM unicasts a reply packet.
4. The destination VTEP encapsulates a VXLAN header to the packet, establishes a mapping table, and unicasts the encapsulated packet to the source VTEP through a VXLAN tunnel.
5. After receiving the packet, the source VTEP establishes a mapping relationship between the destination VM and the destination VTEP and forwards the packet to the source VM.
6. The source VM and destination VM can exchange unicast packets through the tunnel.

- A. 1-3-2-4-6-5
- B. 3-5-2-4-1-3
- C. 1-2-3-4-5-6
- D. 1-5-6-4-3-2

Answer: C

QUESTION 6

Which of the following values can be used to set security levels of user-defined zones of USG series firewalls? (Multiple Choice)

- A. 150
- B. 100
- C. 80
- D. 40

Answer: CD

QUESTION 7

In a MPLS VPN network, two-layer MPLS labels are added into data packets before they are transmitted over the public network. Which of the following statements regarding data packet processing are true? (Multiple Choice)

- A. The penultimate hop removes the outer label before forwarding the data packet to a peer PE.
- B. The IP data packet received by the peer PE does not carry labels.
- C. The penultimate hop removes the outer label if the outer label in the data packet is explicit null label 3.
- D. The peer PE sends the data packet to the correct VPN based on the inner label.

Answer: AD

QUESTION 8

What is the multicast destination address of VRRP packets?

- A. 224.0.0.18
- B. 224.0.0.20

- C. 224.0.1.18
- D. 224.0.1.20

Answer: A

QUESTION 9

In the SDN network architecture, which device is used to calculate the path and deliver the flow table?

- A. Application server
- B. Controller
- C. Orchestrator
- D. Device

Answer: B

QUESTION 10

LDP has two different mechanisms for discovering peers. Which of the following statements are true? (Multiple Choice)

- A. The two mechanisms are basic discovery mechanism and extended discovery mechanism.
- B. The basic discovery mechanism periodically sends Hello messages to discover LDP peers.
- C. The basic discovery mechanism is used to discover directly-connected LSR peers on a link.
- D. The extended discovery mechanism periodically sends Hello messages to specified addresses to discover LDP peers.
- E. The extended discovery mechanism is used to discover indirectly-connected LSR peers on a link.

Answer: ABCE

QUESTION 11

Which of the following are the major objects of network management? (Multiple Choice)

- A. Ensure that network users can receive the expected service quality and technical support information.
- B. Decrease device migration costs.
- C. Reduce the network device service life and extend the service period.
- D. Help network engineers copy with complex network data to ensure quick and correct data display to end users.

Answer: AD

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